

Public Health Emergency Officer (PHEO) COVID-19 Conditions Assessment Update

22 JUN 2020



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Outline

- Monterey County Health Department Metrics
- Monterey County: What's Next for Business Reopening?
- Presidio of Monterey and Surrounding Area Conditions Assessment
 1. Local Case Rate
 2. Influenza-Like Illness (ILI) & COVID-19-Like Illness (CLI) Trends
 3. Capacity to Treat
 4. Capacity to Test
 5. Capacity to Monitor
 6. Local Travel Restrictions
 7. Incidence/100,000 over 14-days
- Criteria Summary



Monterey County Health Department



Monterey County Health Department Metrics

Indicator or Metric*	Baseline at Variance Application Submission	Threshold for Considering Modifications	Current Status**
Ability to Test, Contact Trace, Isolate, and Support the Exposed			
14-Day cumulative COVID-19 incidence per 100,000 population	28.6	≥32	112.2
Percent of cases reached by public health teams	98.5%	<90%	97.9%
Percent of Alternative Housing Site Beds designated for individuals diagnosed with COVID-19 or who are awaiting test results that are filled	2%	≥25%	3%
Ability to Protect Those at High Risk for COVID-19			
Percent of Skilled Nursing Facilities with no new cases in the last 14 days	94%	<75%	94%
Number of COVID-19 related deaths over last 14 days	2	≥5	2
Surge Capacity for Hospitals and Health Care System			
7-Day average of daily percent change in total number of hospitalized COVID-19 patients	-0.2%	≥5%	4%
Percent of ICU beds available averaged over the last 14 days	71%	<54%	65%
Percent of Monterey County hospitals with ≥14 days' supply of personal protective equipment (PPE)	100%	<75%	100%
Epidemiology and General Surveillance			
Overall test positivity rate for the past 7 days	2.3%	≥8%	5.7%
Case doubling rate	29 days	<8 days	22 days

*Unless otherwise specified, all indicators and metrics are calculated using a one-day lag. Counting for measuring the metric starts on "Current Status" date

**Current status as of June 20, 2020



Monterey County Health Department SIP

STATUS OF SHELTER-IN-PLACE



On June 5th, Governor Newsom issued new guidance for several business sectors including [family entertainment centers](#), restaurants, [wineries and bars](#), [zoos and museums](#), [gyms and fitness centers](#), [hotels for tourism and individual travel](#), [cardrooms and racetracks](#), and [campgrounds and outdoor recreation](#). The Governor's purpose is to provide guidance on how businesses can resume operations while supporting a safe, clean environment for workers. Variance counties such as Monterey County can open these sectors with approval by the County Health Officer after review of local COVID-19 indicators.

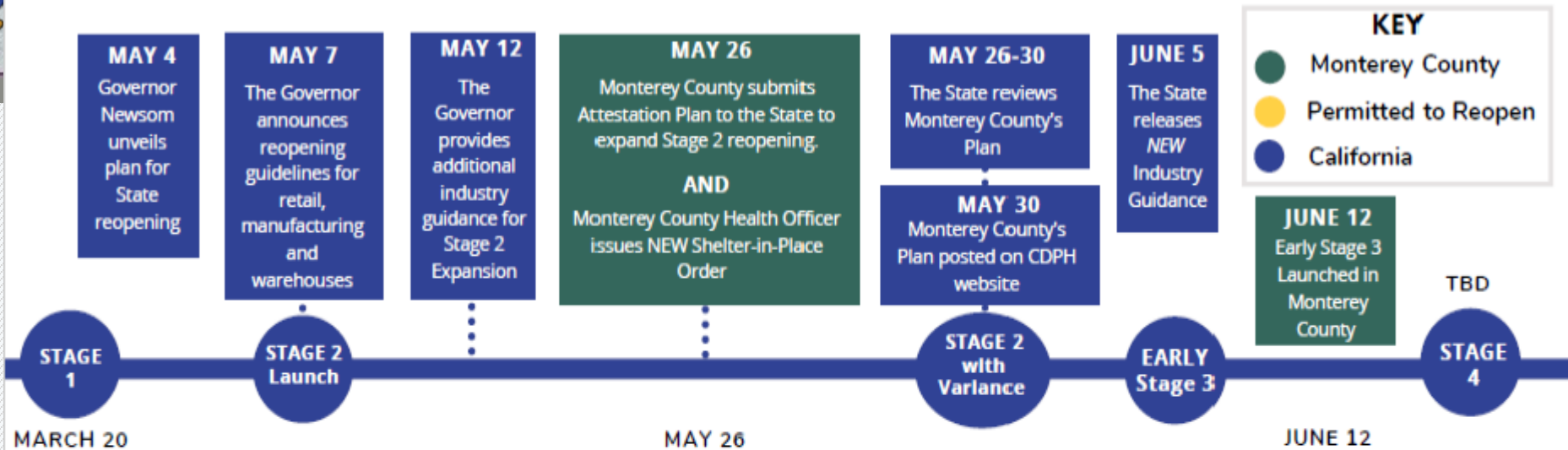
Based on review of local indicators, the Monterey County Health Officer approves implementation of the new guidance and opening of the business sectors on June 12th, as recommended by the California Governor.

As stay-at-home orders are modified, it is essential that businesses take all steps necessary to ensure the safety of workers and customers, including developing and implementing a COVID-19 prevention plan, as required by sector guidelines. Key business practices include physical distancing to the maximum extent possible, use of face coverings by employees and patrons, frequent hand washing and regular cleaning and disinfecting, and training employees on these and other elements of their COVID-19 prevention plan. In addition, businesses must have in place appropriate processes to identify new cases of illness in workplaces and, when they are identified, to intervene quickly and work with Monterey County Public Health to halt the spread of the virus.

Businesses planning to resume operations June 12th must review, understand and implement sector specific guidance found at the California website, <https://covid19.ca.gov/roadmap-counties/>.



WHAT'S NEXT FOR BUSINESS REOPENING?



Stage 1
Stay-at-Home Order in Effect, Essential Businesses Only

- Businesses listed by the Health Order or
- Allowable Services List

Stage 2 Lower Risk Workplaces Reopen with Safety Modifications

Early STAGE 2 Launched Statewide

- Manufacturing and Logistics
- Construction
- Landscape / gardening
- Childcare/ day camps
- Golfing and golf courses
- Schools with modifications
- Full service car washes
- In-person religious services
- Outdoor museums
- Public spaces
- Auto dealerships
- Dog grooming / dog walking services
- On-site retail / shopping malls / swap meets
- Residential cleaning and janitorial
- Office work spaces
- Real estate transactions
- Film, TV, and music production
- Pro Sports without live audience
- Curbside library services
- Dine-in restaurants
- Hair salons and barbershops
- Casinos

Early Stage 3 with Variance
Higher Risk Workplaces Reopen with Safety Modifications

Early STAGE 3 Launches on June 12

- Movie theaters/family entertainment centers
- Wineries and bars
- Zoos and museums
- Gyms and fitness centers
- Hotels/Lodging for tourism
- Cardrooms/racetracks
- Campgrounds and outdoor recreation / pools
- Nail salons/tattoo parlors/body waxing/spas/Massage
- Indoor and outdoor playgrounds
- Live theater / in-person higher education
- Saunas/steam rooms/hot tubs

Additional Services on June 19

STAGE 3 NOT PERMITTED TO OPEN

Stage 4 Stay-at-Home Order Ends, Large Gatherings

- Concerts / Festivals
- Live audience sports
- Convention Centers
- Nightclubs / theme parks



Updated 06/18/2020
Adapted from Humboldt County



For COVID-19 Information:
(831) 755-4521 or (831) 769-8700 or covid-19@co.monterey.ca.us
or www.mtyhd.org/covid19
Industry Guidance: [www. https://covid19.ca.gov/industry-guidance/](https://covid19.ca.gov/industry-guidance/)



Presidio of Monterey & Surrounding Area Conditions Assessment



OSD/HQDA Gating Criteria

1. Local Case Rate and % Positive COVID-19
2. Influenza-Like Illness (ILI) and COVID-19 Like Illness (CLI)
3. Capacity to Treat
4. Capacity to Test
5. Capacity to Monitor
6. Local Travel Restrictions
7. Incidence Rate



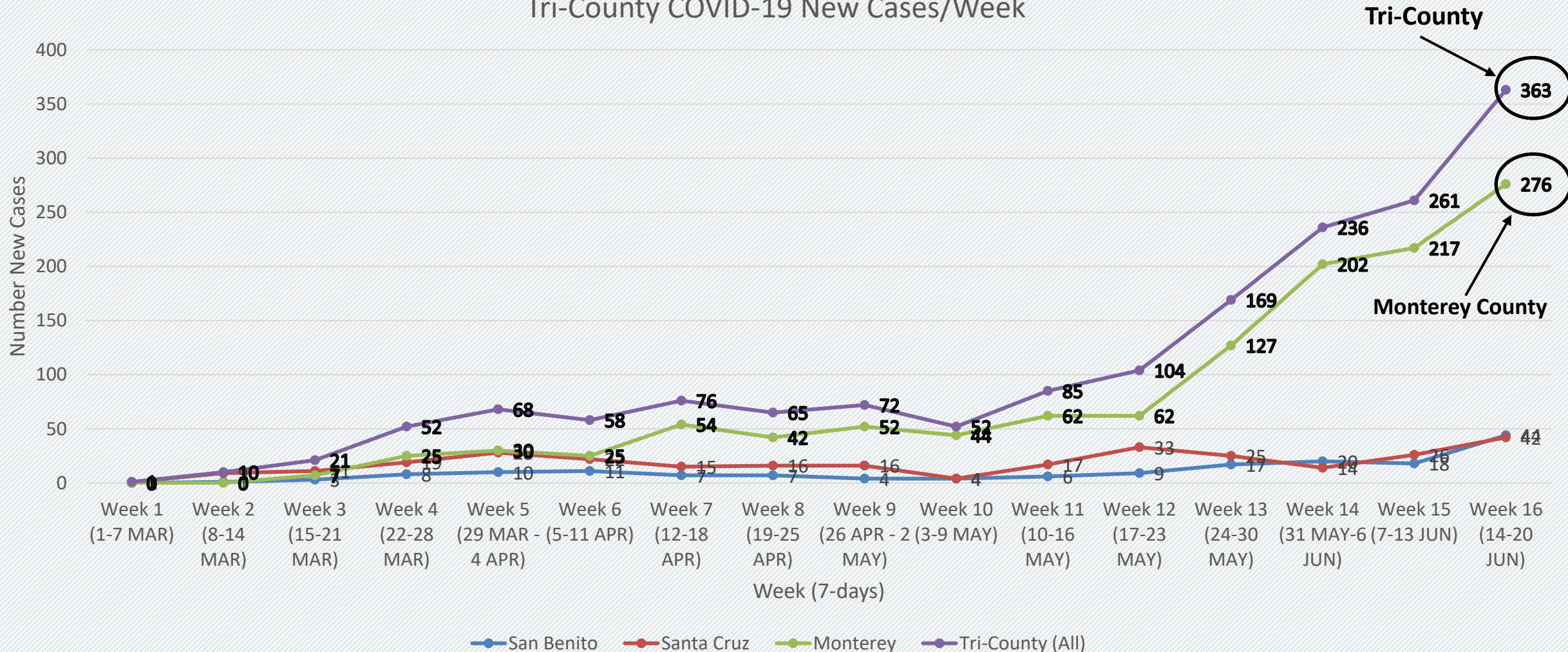
1. Local Case Rate/% Positive



Tri-County Weekly (7-Day) New Cases

As of 22 June 2020

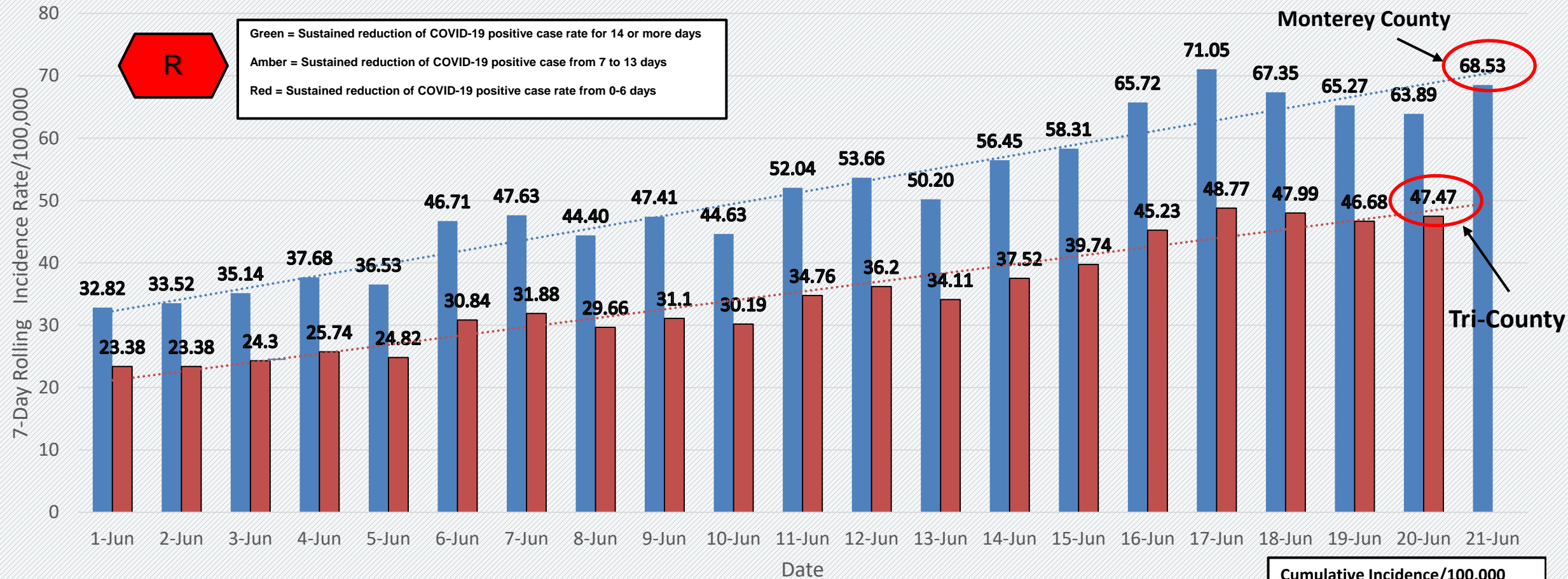
Tri-County COVID-19 New Cases/Week





Tri-County 7-Day Rolling Incidence Rate

As of 22 June 2020



Total Population = 766,393

Monterey County Population = 433,212

Santa Cruz County Population = 273,765

San Benito County Population = 59,416

Population Data Source: Center for Applied Research and Engagement Systems (CARES); 2020

Monterey 7-Day Rolling Incidence/100K

Tri-County 7-Day Rolling Incidence/100K

Linear (Monterey 7-Day Rolling Incidence/100K)

Linear (Tri-County 7-Day Rolling Incidence/100K)

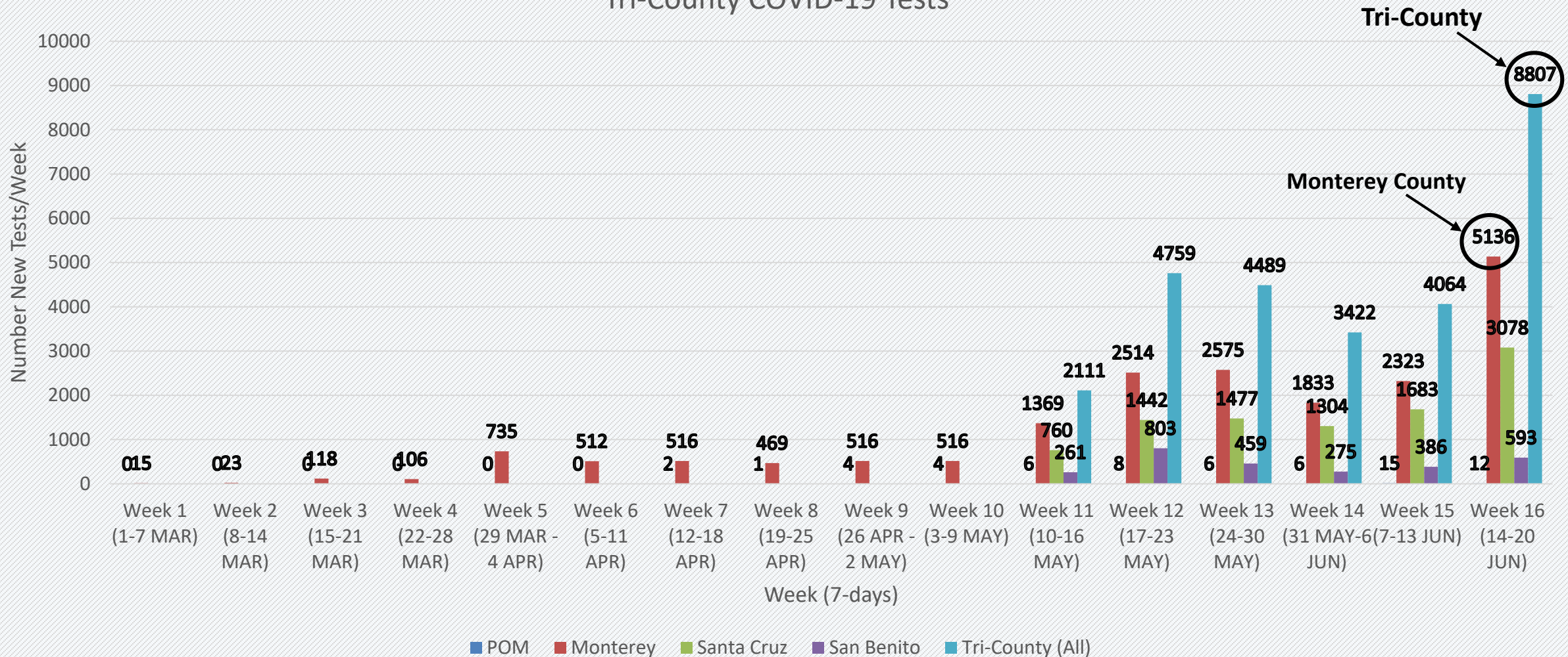
Cumulative Incidence/100,000
Monterey County = 282.8/100K
Tri-County = 220.8/100K
U.S. = 689.6/100K
CA = 441.2/100K



Tri-County Weekly Total New Tests

As of 22 June 2020

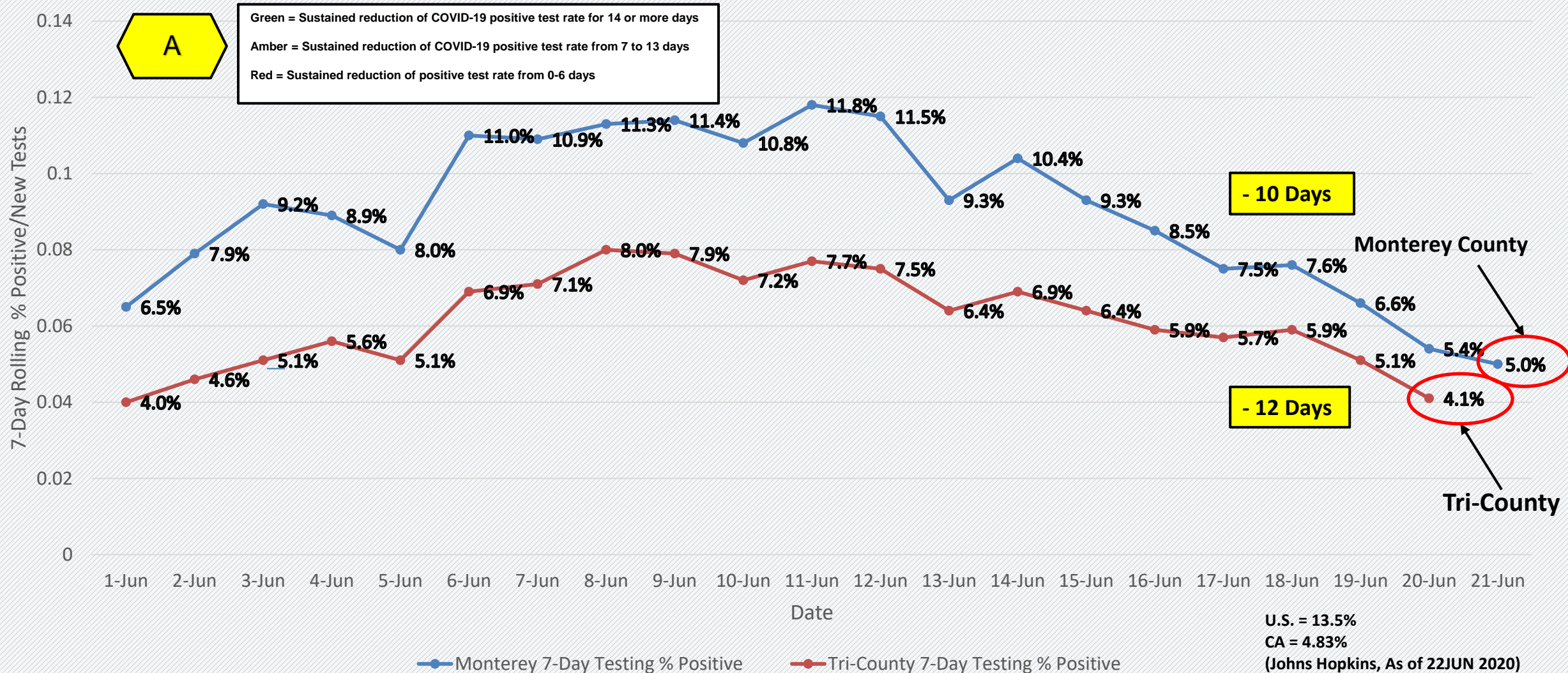
Tri-County COVID-19 Tests





Tri-County 7-Day Rolling Percent Positive

As of 22 June 2020





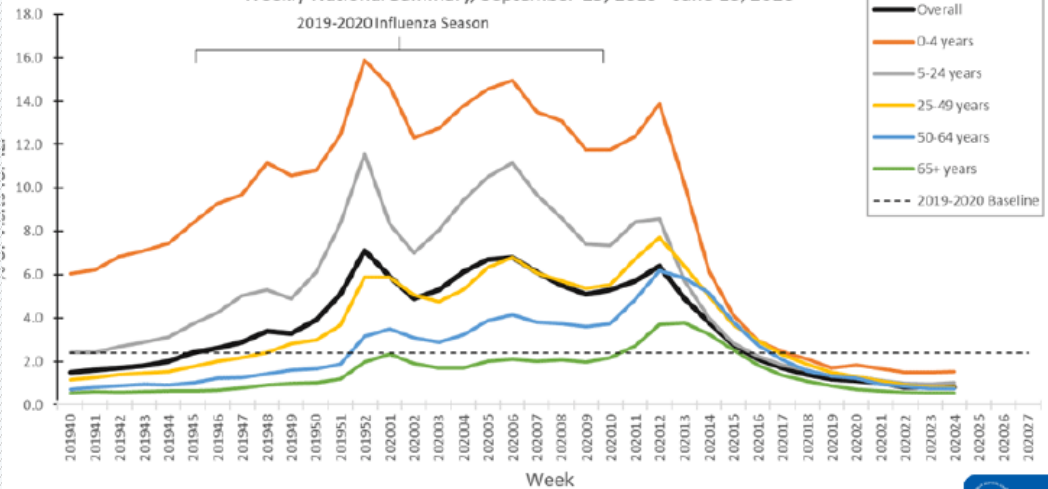
2. Influenza-Like Illness (ILI) & COVID-19-Like Illness (CLI) Trends



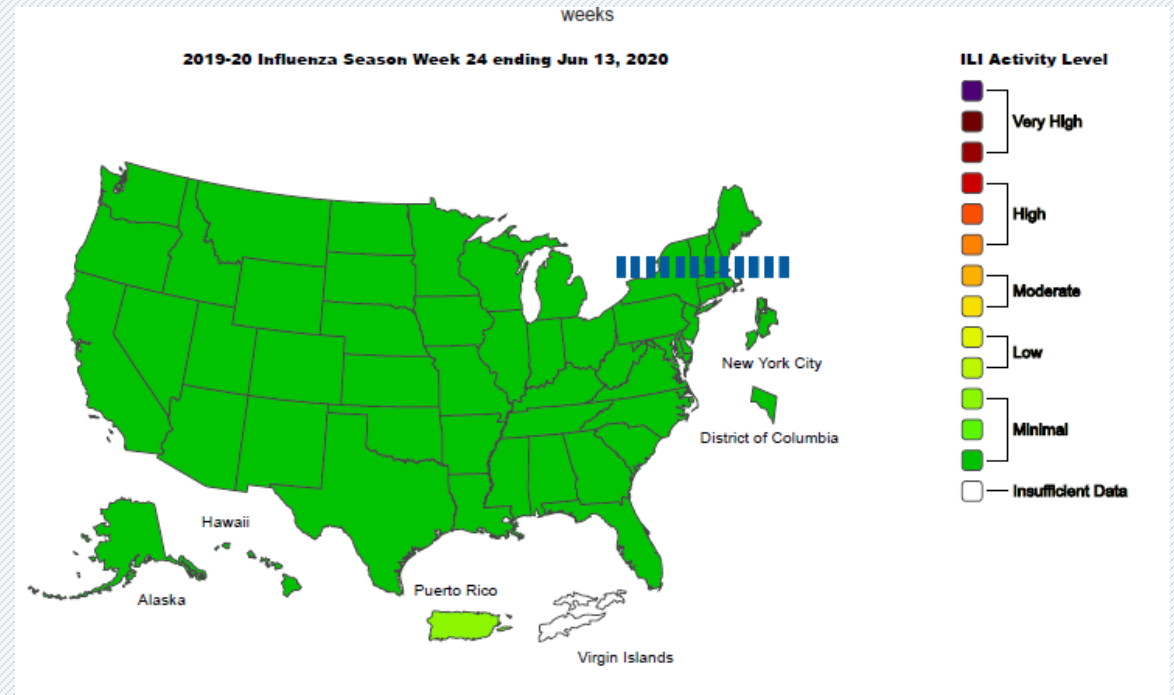
National and CA Influenza-Like Illness (ILI)

Percentage of Visits for Influenza-Like Illness (ILI) Reported by
the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),
Weekly National Summary, September 29, 2019 - June 13, 2020

2019-2020 Influenza Season

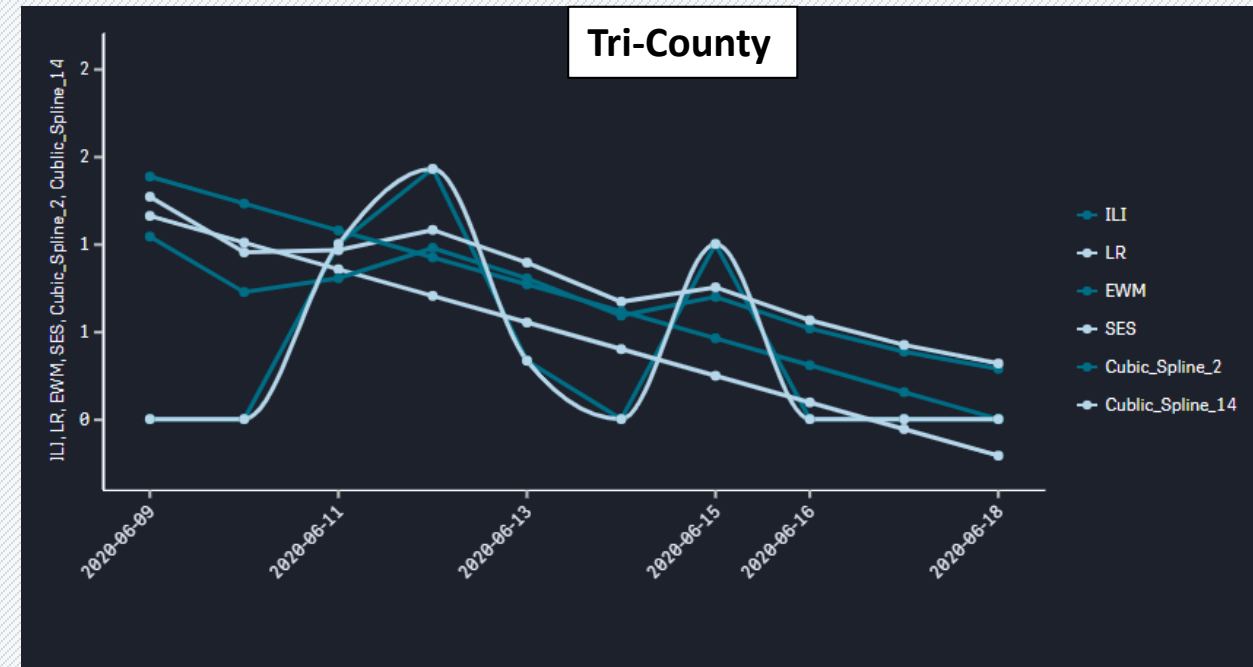
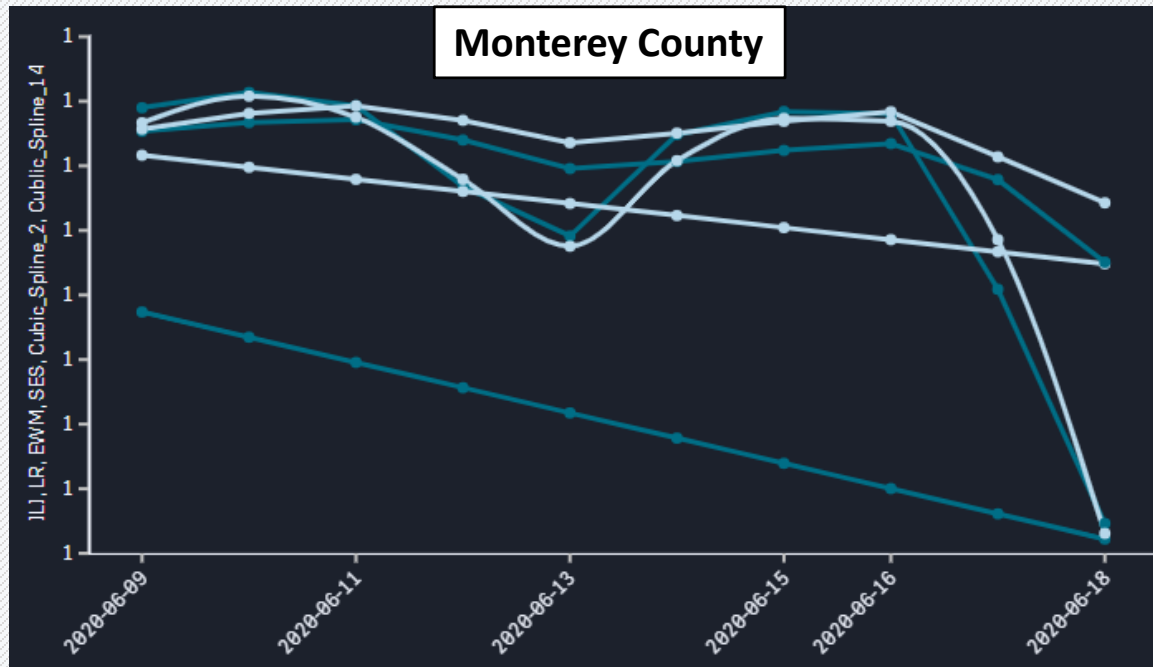


2019-2020 Influenza Season Week 24 ending Jun 13, 2020





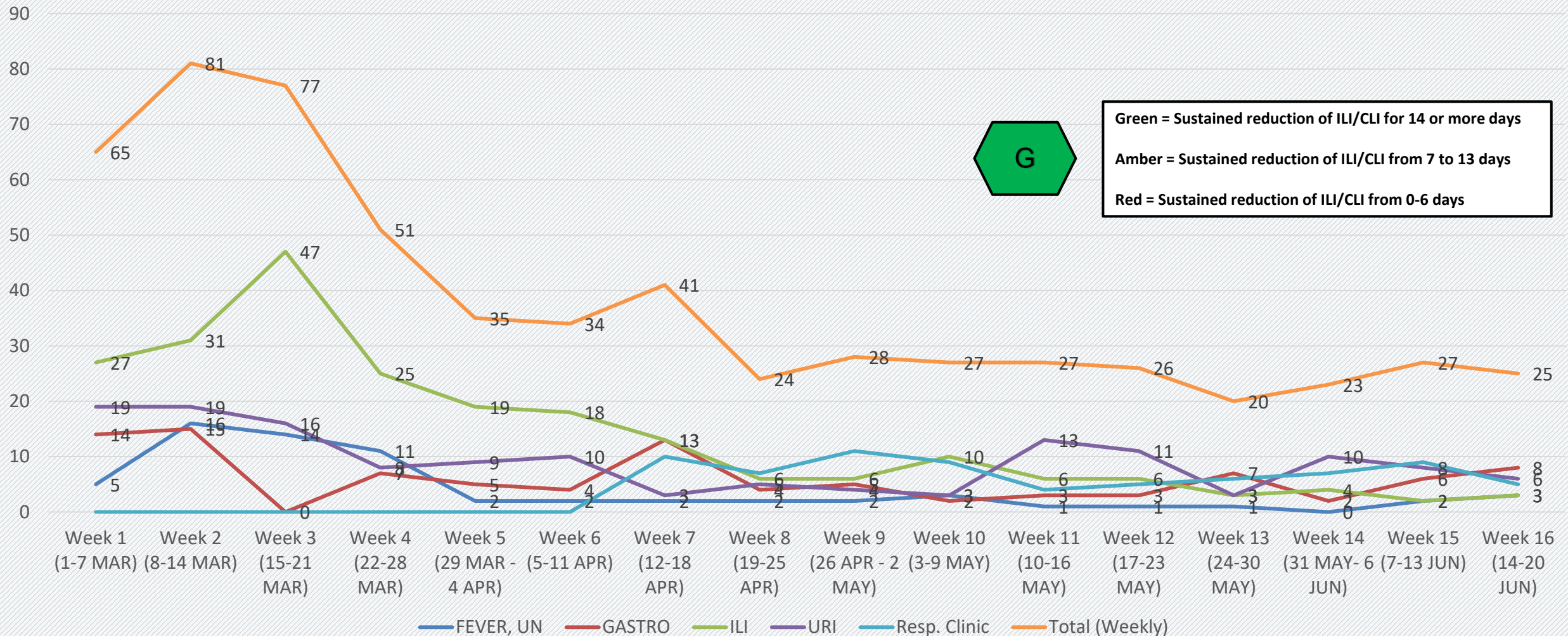
Monterey & Tri-County ILI/CLI





POMACH ILI/CLI

Patient Encounters





3. Capacity to Treat



Capacity to Treat Summary

- Military Medical Treatment Facilities (MTFs) and associated civilian healthcare networks ability to treat all patients requiring hospitalization. Reliable supply chain exists to support PPE requirements.
- **NOT MET/AMBER: 3.2 ICU beds /10K adult population. Monterey County** reported that they have the capacity to accommodate COVID-19 patients at a volume of $\geq 35\%$ of baseline average daily census (829 beds, including 148 ICU); local hospitals have robust plan to protect hospital workforce.



Green = Ability to expand to 6 or more ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Amber = Between 3 and 5 ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

Red = 2 or less ICU beds per/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals

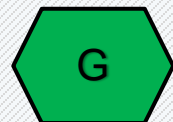


4. Capacity to Test



Capacity to Test Summary

- Capacity exists to test individuals with COVID-19 symptoms and other at risk populations. Testing requirements are defined as the number of tests needed to perform over a given timeframe. Testing capacity is a combination of installation and surrounding community testing throughput capacity.
- **MET/GREEN:** Testing capacity exceeds requirement to test; Monterey County has the ability to test 1.6/1K daily; POM has the ability to test 8/1K daily.



Green = Capacity to test exceeds the daily requirement to test

Amber = Capacity to test meets the daily requirement to test

Red = Testing requirement exceeds capacity



5. Capacity to Monitor



Capacity to Monitor Summary

- Installation's ability to contact trace, and monitor the symptoms of individuals who have been identified as positive for COVID-19, and the ability to monitor those in quarantine and isolation.
- **MET/GREEN:** Both POM and Monterey County Health Department have sufficient contact tracing and monitoring capability. (POM 4/10K; MCHD 1/10K [44 contact tracers] with plan to expand to 1.5/10K [65])



Green = Both installation and local public health authorities (or combination of the two) have sufficient contact trace, and monitoring capability

Amber = Either installation or local public health authorities have sufficient contact trace, and monitoring capability

Red = Neither installation nor local public health authorities have sufficient contact trace, and monitoring capability



6. Local Travel Restrictions



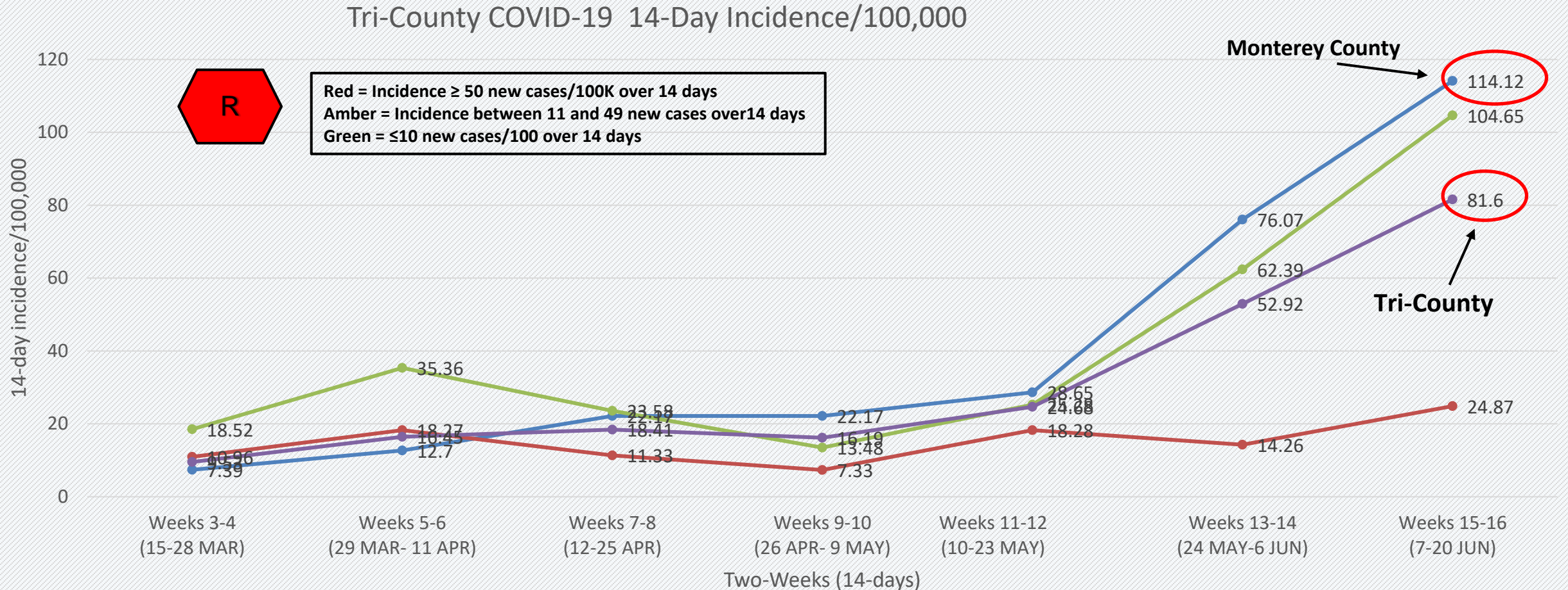
No County or Tri-County travel restrictions; tourism resumed



7. 14-Day Incidence/100K



Tri-County 14-Day Incidence/100,000



Total Population = 766,393

Monterey County Population = 433, 212

Santa Cruz County Population = 273,765

San Benito County Population = 59,416

Population Data Source: Center for Applied Research and Engagement Systems (CARES); 2020



OSD/HQDA Gating Criteria Summary

Condition	Criteria	Threshold	Status
1. Local Case Rate	Downward trajectory of new documented COVID-19 positive cases within a 14-day period OR Downward trajectory of new COVID-19 positive tests as a percent of total tests within a 14-day period	Green = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate for 14 or more days Amber = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate from 7 to 13 days Red = Sustained reduction of COVID-19 positive case rate AND/OR COVID-19 positive test rate from 0-6 days	AMBER- Downward trajectory in COVID-19 positive test rate for 10 days in Monterey County and 12 days in Tri-County. Upward trajectory in positive case rate in both Monterey and Tri County.
2. Influenza-Like Illness (ILI) and COVID-19 Like Illness (CLI)	Downward trajectory of reported cases of ILI and CLI over the preceding 14-day period.	Green = Sustained reduction of ILI/CLI for 14 or more days Amber = Sustained reduction of ILI/CLI from 7 to 13 days Red = Sustained reduction of ILI/CLI from 0-6 days	GREEN- <u>Locally</u> : POMACH/Gourley clinics ILI/CLI patients remain stable over past 9 weeks; <u>CA</u> : is reporting minimal ILI activity; <u>Nationally</u> : visits to outpatient providers and emergency departments (EDs) for illnesses with symptoms consistent with COVID-19 continued to decline. Outpatient ILI visits are below baseline nationally and in most regions of the country.
3. Capacity to Treat	Military Medical Treatment Facilities (MTFs) and associated civilian healthcare networks ability to treat all patients requiring hospitalization. Reliable supply chain exists to support PPE requirements.	Green = Ability to expand to 6 or more ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals Amber = Between 3 and 5 ICU beds/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals Red = 2 or less ICU beds per/10K of the adult population at risk leveraging MTF ICU AND/OR local community hospitals	AMBER- 3.2 ICUs/10K adult population; MCHD reported that local hospitals have the capacity to accommodate COVID-19 patients at a volume of ≥ 35% of baseline daily census (829 beds, including 148 ICU)
4. Capacity to Test	Capacity exists to test individuals with COVID-19 symptoms and other at risk populations. Testing requirements are defined as the number of tests needed to perform over a given timeframe. Testing capacity is a combination of installation and surrounding community testing throughput capacity.	Green = Capacity to test exceeds the daily requirement to test Amber = Capacity to test meets the daily requirement to test Red = Testing requirement exceeds capacity	GREEN- Monterey County has the ability to test 1.6/1K daily; POM has the ability to test 8/1K daily
5. Capacity to Monitor	Installation's ability to contact trace, and monitor the symptoms of individuals who have been identified as positive for COVID-19, and the ability to monitor those in quarantine and isolation.	Green = Both installation and local public health authorities (or combination of the two) have sufficient contact trace, and monitoring capability Amber = Either installation or local public health authorities have sufficient contact trace, and monitoring capability Red = Neither installation nor local public health authorities have sufficient contact trace, and monitoring capability	GREEN- Both POM and Monterey County Health Department have sufficient contact tracing and monitoring capability. (POM 4/10K; MCHD 1/10K [45 contact tracers] with plan to expand to 1.5/10K [65])
6. Local Travel Restrictions	Removal of local travel restrictions	Green = Removal of local travel restrictions Red = Local travel restrictions	GREEN- No County travel restrictions; tourism resumed
7. Incidence Rate	Number of new cases per 100K over past 14 days	Red = Incidence ≥ 50 new cases/100K over 14 days Amber = Incidence between 11 and 49 new cases over 14 days Green = ≤10 new cases/100 over 14 days	RED- Monterey County had 114.12 cases per 100K over past 14 days; Tri-County had 81.6 cases per 100K over past 14 days



Way Forward

- Continue to monitor local, state, and national data and trends
- Senior Leadership will make decisions on reducing restrictions/HPCON changes
- Expect evolving policy guidance and changes



Questions?

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